284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Earth Engineering Inc.	Date Collected:	06/25/25
Project:	1710 N4 Ave	Date Received:	06/26/25
Client Sample ID:	S-3	SDG No.:	Q2431
Lab Sample ID:	Q2431-03	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	83.2
Sample Wt/Vol:	30.02 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH_NF
Prep Method :			

Prep Date :	Date Analyzed :	Prep Batch ID
06/27/25 08:30	06/27/25 18:55	PB168635

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	Datafile
TARGETS								
Aliphatic C28-C40	Aliphatic C28-C40	5.53		1	1.42	2.40	mg/kg	FE054620.D
Aliphatic C9-C28	Aliphatic C9-C28	7.53		1	1.09	4.80	mg/kg	FE054620.D
Total AliphaticEPH	Total AliphaticEPH	13.1			2.51	7.20	mg/kg	
Total EPH	Total EPH	13.1			2.51	7.20	mg/kg	

* As samples are not fractionated, all aliphatic and aromatic carbon compounds in the C9-C40 carbon range are calculated against the aliphatic calibration curve, and reported as Aliphatic EPH. Therefore, the aliphatic C9-C40 concentration for the sample is reported as the Total EPH.

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution

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Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FE054620.D	1	06/27/25	06/27/25	PB168635

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	7.53		1.09	4.80	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	5.53		1.42	2.40	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	32.2		40 - 140	64%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	32.0		40 - 140	64%	SPK: 50

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Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q2431-03	Acq On:	27 Jun 2025 18:55
Client Sample ID:	S-3	Operator:	YP\AJ
Data file:	FE054620.D	Misc:	
Instrument:	FID_E	ALS Vial:	16
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.317	6.943	3948703	29.023	300	ug/ml
Aliphatic C12-C16	6.944	10.391	1035182	7.364	200	ug/ml
Aliphatic C16-C21	10.392	13.764	5475359	37.92	300	ug/ml
Aliphatic C21-C28	13.765	17.429	2850896	19.709	400	ug/ml
Aliphatic C28-C40	17.430	22.428	9582574	69.115	600	ug/ml
Aliphatic EPH	3.317	22.428	22892714	163.13		ug/ml
ortho-Terphenyl (SURR)	12.065	12.065	5194786	31.99		ug/ml
1-chlorooctadecane (SURR)	13.501	13.501	4064825	32.19		ug/ml
Aliphatic C9-C28	3.317	17.429	13310140	94.016	1200	ug/ml